

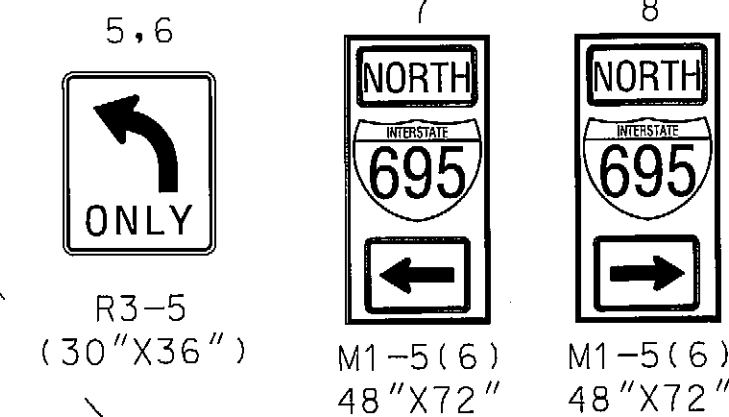
MD 26 IS ASSUMED TO RUN IN
A EAST-WEST DIRECTION

TO LORD BALTIMORE DRIVE

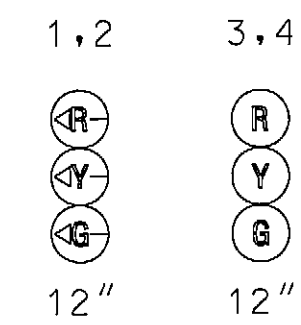
CONSTRUCTION DETAILS

- INSTALL 40 FT. CLASS II WOOD POLE WITH NEMA SIZE 5 POLE MOUNTED CABINET, 3 IN. SCHEDULE 80 RIGID PVC CONDUIT RISER, 3 IN. WEATHERHEAD, ELECTRICAL UTILITY SERVICE EQUIPMENT, 20 FT. LIGHTING BRACKET ARM WITH 250 WATT HPS LUMINAIRE AND PHOTOCCELL, TERRA VIDEO DETECTION CAMERA AND CABLE, VIDEO DETECTION CAMERA AND CABLE UP TO 500' (SEE NOTE 7), GROUND ROD AND BACKGUY AND ANCHOR ASSEMBLIES.
- INSTALL 40 FT. CLASS II WOOD POLE WITH 20 FT. LIGHTING BRACKET ARM WITH 250 WATT HPS LUMINAIRE AND PHOTOCCELL, TERRA VIDEO DETECTION CAMERA AND CABLE, GROUND ROD AND BACKGUY AND ANCHOR ASSEMBLIES.
- INSTALL 3/8 IN. STEEL SPAN WIRE WITH 1/4 IN. TETHER WIRE WITH LED SIGNAL HEADS AND SIGNS BETWEEN PROPOSED WOOD POLES. TRAFFIC SIGNAL HEADS SHALL REMAIN COVERED UNTIL SIGNAL IS OPERATIONAL.
- INSTALL 4 IN. SCHEDULE 80 RIGID PVC CONDUIT FOR POWER FEED - TRENCHED. CONDUIT SHALL BE BORED UNDER EXISTING CONCRETE DRAINAGE STRUCTURE.
- STUB CONDUIT AT UTILITY POLE. BG&E TO MAKE FINAL CONNECTION.
- TYPE III BARRICADE USED TO CLOSE EXISTING ON-RAMPS. REFER TO MAINTENANCE OF TRAFFIC PLANS.
- EQUIPMENT INSTALLED AS PART OF TEMPORARY INTERCONNECT PLAN. REFER TO IC-1 FOR DETAILS.
- INSTALL PROPOSED SIGN(S) ON 2 - 4"x6" WOODEN SIGN SUPPORTS (DRILLED).
- PROPOSED VIDEO DETECTION ZONE. VIDEO DETECTION ZONE SHALL BE POSITIONED 1' BEHIND STOP LINE.
- MICROLOOP PROBES WILL BE REPLACED IN FUTURE PHASE OF CONSTRUCTION. REFER TO IC-1 FOR DETAILS.

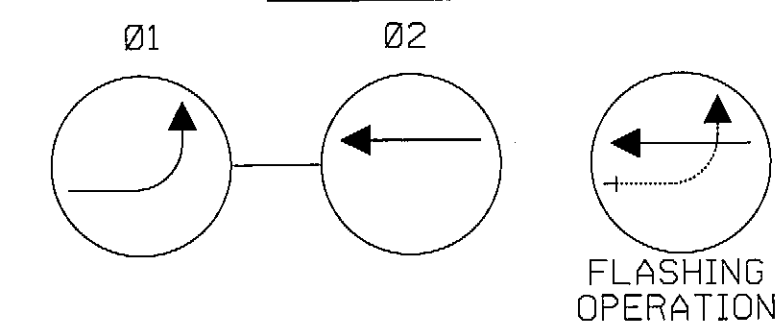
PROPOSED SIGNS



PROPOSED LED SIGNALS



NEMA PHASING



NOTE:
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

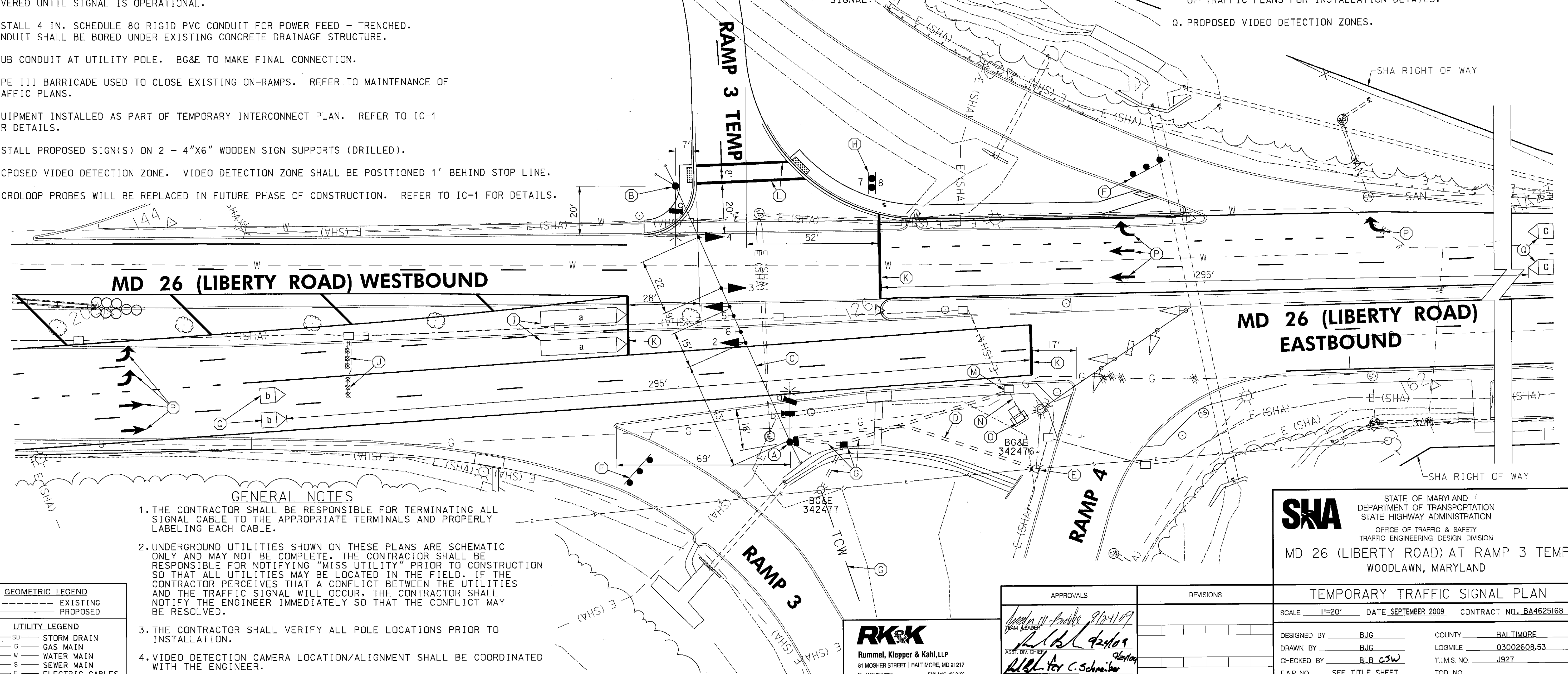
CONSTRUCTION DETAILS (CONT.)

TO CROYDON ROAD

- INSTALL 24 INCH WHITE HEAT APPLIED PERMANENT PERFORMED THERMOPLASTIC PAVEMENT MARKING LINE.
- INSTALL 12 INCH WHITE HEAT APPLIED PERMANENT PERFORMED THERMOPLASTIC PAVEMENT MARKING LINE.
- USE EXISTING HANDHOLE.
- USE EXISTING CONDUIT.
- USE EXISTING CABINET.
- PAVEMENT MARKING ARROWS. REFER TO MAINTENANCE OF TRAFFIC PLANS FOR INSTALLATION DETAILS.
- PROPOSED VIDEO DETECTION ZONES.

GENERAL NOTES (CONT.)

- VIDEO DETECTION CAMERAS USED FOR SETBACK DETECTION MAY REQUIRE CAMERAS TO BE MOUNTED ON AN EXTENSION POST TO ACHIEVE THE REQUIRED CAMERA HEIGHT TO VIEW THE SETBACK DETECTION ZONES. THE EXTENSION POST AND ANY REQUIRED MOUNTING HARDWARE SHALL BE INCIDENTAL TO THE VIDEO DETECTION CAMERA. NO ADDITIONAL COMPENSATION SHALL BE MADE.
- VIDEO DETECTION CAMERA 'b' WILL BE THE OLDER (NON-IP BASED) STYLE CAMERA AND CABLE. THE CAMERA WILL NEED TO INTERFACE WITH THE EXISTING VIDEO DETECTION INTERFACE EQUIPMENT IN THE CABINET FOR THE RAMP 4 SIGNAL.



GENERAL NOTES

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABELING EACH CABLE.
- UNDERGROUND UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING "MISS UTILITY" PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN THE UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
- THE CONTRACTOR SHALL VERIFY ALL POLE LOCATIONS PRIOR TO INSTALLATION.
- VIDEO DETECTION CAMERA LOCATION/ALIGNMENT SHALL BE COORDINATED WITH THE ENGINEER.
- REFER TO MAINTENANCE OF TRAFFIC PLANS FOR SIGNING AND PAVEMENT MARKING PLACEMENT AND QUANTITIES.

GEOMETRIC LEGEND

--- EXISTING
--- PROPOSED

UTILITY LEGEND

--- SD --- STORM DRAIN
--- G --- GAS MAIN
--- W --- WATER MAIN
--- S --- SEWER MAIN
--- E --- ELECTRIC CABLES
--- A --- AERIAL CABLES
--- T --- TELEPHONE CABLES
--- F --- FIBER-OPTIC

SHA

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 26 (LIBERTY ROAD) AT RAMP 3 TEMP
WOODLAWN, MARYLAND

TEMPORARY TRAFFIC SIGNAL PLAN

SCALE 1"=20' DATE SEPTEMBER 2009 CONTRACT NO. BA4625168

DESIGNED BY BJC COUNTY BALTIMORE

DRAWN BY BJC LOGMILE 03002608.53

CHECKED BY BLB CSW T.I.M.S. NO. J927

F.A.P. NO. SEE TITLE SHEET TOD NO.

TS NO. 4728 DRAWING SP-1 OF 2 SHEET NO. 200 OF 254

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<i>[Signature]</i> 9/24/09 ASSIST. DIV. CHIEF	
<i>[Signature]</i> 10/9 DIVISION CHIEF	
<i>[Signature]</i> 10/9 OFFICE DIRECTOR	

PLOTTED: Monday, September 21, 2009 AT 08:32 AM
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